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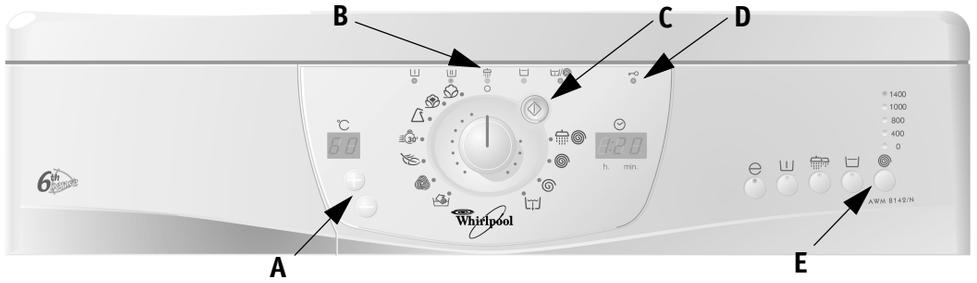
GB AWM 8142/N

A. Temperature Selection Buttons
B. Programme Sequence Indicator
C. "Start/Pause" Button
D. "Door Open" Indication
E. "Spin Speed Reduction" Button



Selecting any option the indication lights up. When the combination of programme, additional options and temperature is not possible, the indication lights switch off automatically. Unsuitable combinations of options are deselected automatically.

❇ : optional / Yes : dosing required

1) For improved garment care spin speed is restricted to 900 rpm in this programme.

2) In this programme default spin speed can be increased till 400 rpm.

Programme		Care Labels	Type of wash/Notes	Max Load kg	Detergents and additives			Special options					Max Spin Speed rpm	Temperature °C
					Softener	Main Wash	Prewash	Eco	Prewash	Intensive Rinse	Rinse Hold	Spin Speed Reduction		
	White Cotton	95	Normally soiled bed linen, table linen and underwear, towels, shirts etc. made of cotton and linen. *With heavily soiled laundry the additional "Prewash" option can be selected as well.*	5.0	❇	Yes	❇	❇	❇	❇	❇	❇	1400	20 to 95
	Coloured cotton	60 40 30	Slightly to normally soiled bed linen, table linen and underwear, towels, shirts etc. made of cotton and linen.	5.0	❇	Yes	❇	❇	❇	❇	❇	❇	1400	20 to 60
	Synthetics	60 50 40 30	Slightly to normally soiled blouses, shirts, overalls etc. made of polyester (Diolen, Trevira), polyamide (Perlon, Nylon) or blends with cotton.	2.5	❇	Yes	❇	❇	❇	❇	❇	❇ 1)	900 1)	20 to 60
30'	Rapid Plus	60 50 40 30	Slightly soiled overalls and sports wear made of cotton, polyester, polyamide and blends with cotton.	3.0	❇	Yes	—	—	—	❇	❇	❇	1400	20 to 60
	Delicates	40 30	Curtains and delicate clothing, dresses skirts, shirts and blouses.	1.5	❇	Yes	❇	—	❇	—	❇	❇ 1)	900 1)	20 to 40
	Wool		Only woollens with a felt-free finish, labelled with the woolmark and identified as machine washable. *If you select "Rinse Hold" do not leave items to soak for too long.*	1.0	❇	Yes	—	—	—	—	❇	❇ 1)	900 1)	20 to 40
	Handwash		Textiles made of silk, linen, wool and viscose marked as "handwashable". *If you select "Rinse Hold" do not leave items to soak for too long. A very gentle spin is used in this programme.*	1.0	❇	Yes	—	—	—	—	❇	❇ 2)	400 2)	20 to 30
+	Rinse + spin	—	*Same as the last rinse and the final spin in the "Coloured Cotton" programme.*	5.0	❇	—	—	—	—	❇	❇	❇	1400	—
	Spin	—	*In this programme spinning is intensive. Same as the spin cycle in the "Coloured Cotton" programme.*	5.0	—	—	—	—	—	—	—	❇	1400	—
	Gentle spin	—	*In this programme spinning is gentle. Same as the spin cycle in the "Wool" programme.*	1.5	—	—	—	—	—	—	—	❇ 1)	900 1)	—
	Drain	—	*Drain only - no spinning. Alternative method of terminating programme after "Rinse Hold".*	—	—	—	—	—	—	—	—	—	—	—

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CONSUMPTION DATA

Programme	Temperature Selector (°C)	Load (kg)	Water (l)	Energy (kWh)	Approx. Programme Duration (hours : minutes)*
White Cotton	95	5.0	49**	1.70	1:50
Coloured cotton	60	5.0	44	0.95	2:00
Coloured cotton	40	5.0	44	0.55	1:50
Synthetics	60	2.5	55	0.80	1:25
Synthetics	40	2.5	50	0.60	1:20
Rapid Plus	30	3.0	37	0.40	0:30
Delicates	30	1.5	50	0.50	0:45
Wool	40	1.0	55	0.50	0:40
Handwash	30	1.0	37	0.40	0:40

Prewash cycle increases programme duration approximately 15 min. Consumption values were measured in normalized conditions in compliance with Standard IEC 60 456. Consumption data in the home may vary with respect to the values in the table in relation to the water supply pressure and temperature, the load and the type of wash.

* The remaining time indicator can similarly deviate from the values in the table, because it takes into account the household conditions applicable at that time.

** To reduce the water temperature, some cold water is added at the end of the main wash cycle, before the pump drains the water out.

ADD DETERGENTS, CLOSE THE DOOR AND SELECT THE PROGRAMME

Add the detergents as described in the programme table or in the chapter “Detergents and Additives” in the booklet.

1. Turn the **programme selector knob** to the desired programme.
2. The remaining time display shows the duration of the chosen programme (in hours and minutes) and the pilot lamp of the **“Start/Pause”** button is flashing.
3. The programme sequence and the predefined spin speed indication corresponding to the selected programme lights up.
   The recommended temperature (see the indicator) can be altered by pressing “**+**” or “**-**” button.

SELECT ANY DESIRED OPTION

Selecting any option the indication lights up. When the combination of programme, additional options and temperature is not possible, the indication lights switch off automatically. Unsuitable combinations of options are deselected automatically.

“Eco Wash” button

- The duration of the wash is extended and the temperature reduced to save up to 40% of energy but maintaining good washing results.

“Prewash” button

- Only for heavily soiled loads (for example sand, granular dirt) sensible. The cycle time increases approximately 15 min.

“Intensive Rinse” button

- More water and a longer time in rinse cycle is added.
- This option is particularly suitable for areas with very soft water, washing baby linen and helps people with allergies.

“Rinse Hold” button

- The laundry remains in the last rinse water without progressing to the final spin cycle to avoid creasing and prevent colours from changing.
- This option is particularly recommended for the programme “Synthetics” or “Delicates”.
- This function is particularly useful if you want to postpone spinning to a later time, or if you want to drain only.

Note: the programme stops to “Rinse Hold” at the time the “Rinse Hold” light in the programme flow indication is on.

Terminate the “Rinse Hold” option:

- Press the “Rinse Hold” button again; the programme will terminate automatically with the final spin cycle for the present wash programme.
- If you do not wish to spin the clothes, turn the programme selector knob to the “Drain” programme and press the **“Start/Pause”** button again when flashing.

“Spin Speed Reduction” button

- Every programme has an automatic predefined maximum spin speed.
- Press the button to set another spin speed.
- If the spin speed “**0**” is selected, the final spinning is cancelled but intermediate spin peaks remain during rinse. The water is drained out only.

PROGRAMME START

Open the tap and press the **“Start/Pause”** button. The pilot lamp of the **“Start/Pause”** button lights up.

The indicator lamps show the sequence reached in the programme. After starting the programme, the sequence indication runs from left to right through Wash, Rinse, Spin.

When the sequence of the programme is finished the corresponding lamp goes out.

DOOR LOCK

The door can be opened when the “Door Open” indication is on.

PROGRAMME END

- The remaining time is on “0:00” and all the lights of the programme sequence indication are off.

1. Turn the programme selector to the “○” position.
2. Turn the water supply tap off.
3. Open the door and unload the machine.
4. Close the tap and leave the door ajar to allow the drum to dry out.

CHANGE THE PROGRAMME, TEMPERATURE, OPTIONS AFTER PROGRAMME START

1. Press the **“Start/Pause”** button to pause the programme. The light flashes.
2. Select the new programme (with temperature), any options and another spin speed if you want.
3. Press the **“Start/Pause”** button again.
   The new programme continues at the same position where the previous programme was interrupted. Do not add detergent for this programme.

CANCEL A PROGRAMME BEFORE THE END

1. Press the **“Start/Pause”** button to pause the programme. The light flashes.
2. Set the programme selector to “Drain”.
   The spin indicators show **“0”** and the remaining time shows “0:02”.
3. Press the **“Start/Pause”** button to start the drain programme.

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Black Process Plate

Dear Consumer

This brief guide is for people whose duty is to ensure the smooth running of the home.
One of the main chores in any household is undoubtedly doing the laundry.
Washing itself is not the most demanding of jobs: there's the washing machine! But there's washing...and there's washing, and then of course the ironing, and putting everything away, not to mention the fact that day in, day out, our clothes are the target for an army of treacherous enemies: stains!
To cope in style with all of this, you need experience, and having experience means knowing the methods, the solutions and - why not? - the tricks of the trade.
You'll find all these in this user manual.
Keep it handy and consult it whenever you find yourself in doubt: golden rules are made specially to be put into practice every day!

OUR SUGGESTIONS FOR....

READING THE FABRICS LABEL

PREPARING THE LAUNDRY

CHOOSING THE DETERGENT

CHOOSING THE PROGRAMME

REMOVING STAINS

DRYING AND IRONING

INSTRUCTION FOR USE

technology 6th sense

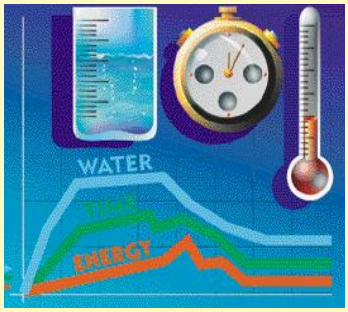
6th Sense intelligent technology always guarantees perfect results with maximum efficiency whatever the wash load.

INTELLIGENT

Simply set the fabric selector to the fabric type of the wash load.
6th Sense automatically recognizes the type and size of each load.

PRECISE

6th Sense adapts the programme according to the wash load, and automatically adjusts water intake, energy comsumption and programme time, to produce perfect results every time.
6th Sense machines can use up to 30% less water and take up to 50% less time*.



EFFICIENT

6th Sense produces “best in class” washing performance with “A” Class washing whatever the wash load.

(*) From 5 kg. to 1 kg. on normal 60 degrees cotton cycle.

fabrics

fabrics

THERE ARE THREE MAIN GROUPS OF FABRICS:

Natural fibres wool and silk or linen, cotton, hemp...

Artificial fibres are obtained from the transformation of a natural product, cellulose, which is spun to produce textile fibres. This group includes acetate, viscose, rayon and modal, which offer the comfort typical of natural fibres.

Synthetic fibres include polyester, polyamide, polyurethane, acrylic fibres and the famous elastan which gives Lycra its stretch.

THE FIRST THING TO DO BEFORE WASHING ANY GARMENT IS TO .... READ THE LABEL

Washing	Dry cleaning	Handwash	Machine washable	*The degrees shown inside the tube symbol indicate the maximum wash temperature.*
Bleaching	May be chlorine bleached			
Drying	Tumble dry	Hang dry	Drip dry	Dry Flat
Ironing	Hot	Warm	Cool	

An ✕ placed against one of these symbols indicates that the treatment is not suitable for this fabric.

preparing the laundry

the laundry

Behind good wash results lies proper use of the washing machine, a good detergent, the right choice of wash programme... and a little bit of attention.

BEFORE EVERY WASH.....

Remember to empty the pockets of all garments..

Sort the laundry according to fabric type and colour.

It is generally best to wash any dark or very brightly coloured garments separately, at least for the first wash. In any case, never wash them together with whites.

If a fabric contains a blend of fibres, select the wash programme for the most delicate fibre; and if the label is missing? In this case, since experience may not be enough...treat it gently!

An ideal load includes garments of the same fabric type and degree of soiling, but of varying sizes.

For very delicate garments, deselect the spin cycle before starting the wash.

Ensure the fabric of bras containing wire support is in good condition. Should the wire become detached it could damage your machine.

Tie any straps and belts or, better still, put them into a cotton bag or pillowslip together with other small items (handkerchiefs etc.).

Mend any torn garments which might fray or tear further, and sew on any loose buttons.

Do not machine wash garments with paste jewels or sequins.

For heavily soiled loads, which require more detergent, or terry towelling, select a programme with an extra rinse cycle and remember to add fabric softener to the last rinse.

Remove clothes from the drum as soon as possible: wet fabrics will begin to smell if left inside.

Hand-washing is recommended for garments in cashmere, angora, lambswool and fine silk. Fluffy garments of any kind should always be washed inside out.

WEIGHT OF SELECTED GARMENTS

Garment	Approx. weight in grams
Bath robe	1200
Bath towel	800
Terry hand towel	150-200
Overall	400-600
Blouse	100
Men's shirt	200
Men's t-shirt	100
Men's underpants	50
Handkerchief	20
Sheet	500-700
Pillow case	200
Terry quilt cover	700-1000
Pyjamas	450
Tea towel	100
Napkin	50-100
Tablecloth	400

The weights given refer to cotton or linen when dry.

detergents and additives

Choose the detergent you find most effective (modern detergents are all designed to give good wash results while being gentle on colours and fabrics). Make sure to select detergent that is designed for use in washing machines.

HELP IN CHOOSING A DETERGENT

The type of detergent depends on:

- the type of fabric: cottons, synthetics, delicates, wool - (use only specific detergents for wool)
- the colour;
- the wash temperature;
- the degree and type of soiling.

Note:
Whitish residues on dark fabrics are caused by insoluble compounds used in modern phosphate-free powder detergents.
If this occurs, shake and/or brush the affected items or use liquid detergents.

DETERGENT DOSAGES

Follow the instructions on the detergent pack regards to the degree and type of soiling in the load;

- full load-follow the detergent manufacturer's instructions;
- half load-3/4 the amount used for a full load
- minimum load (about 1 kg)-half the amount used for a full load

Generally, more detergent is required when the domestic water supply contains a high concentration of lime (hard water), or for large and heavily soiled loads. Use less detergent in soft water areas or for less soiled items.
Ask for information about water hardness in your area to the water company.

Note:
Too much detergent can result in excess lather, which reduces the effectiveness of the wash. If the appliance senses an excessive amount of foam it may not spin.
Insufficient detergent may result in grey laundry, deposits on the drum, tub and heater.

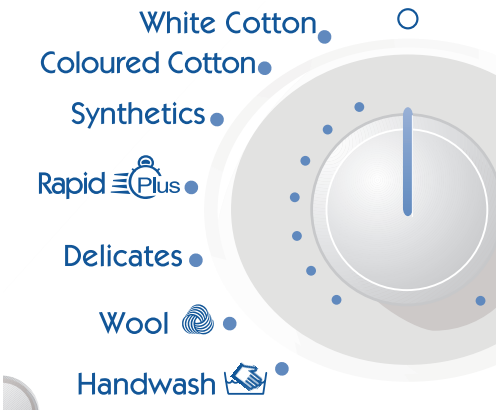
The detergent drawer has three separate compartments for different wash programmes. See the product information sheet for information about the compartments.

ADDITIVES

Many detergents on the market today already contain additives designed to ensure that whites stay on white and also help remove more stubborn stains. In certain cases, however, normal detergents alone is not sufficient and the addition of the following additives might be necessary:

Perborate: effective at 60° on stains of plant origin and safe on colours and synthetics (Grass, sauces, etc.).
Bleach safe for use on cotton: this is more aggressive than perborate, although gentle bleaches safe even on coloured garments are now available.
Bleaching agents for yellowed silk and wool, are to be used strictly in limited quantities.
Never use bleach, perborate and whiteners together.
Fabric softener: a good fabric softener added to the last rinse cycle smoothes the fibres of fabrics, making ironing easier, and leaves laundry smelling fresh.

program



RAPID PLUS

Ultra-rapid wash programme : washes all fabric types in 30 minutes at 30° C
Suitable for small daily washes (2.5 kg) of lightly soiled garments.
Lightly soiled items in cotton, polyester, polyamide or cotton blends.
You can use the two buttons to raise or lower the recommended wash temperature.
The wash cycle duration will vary accordingly.

20°C	25 min.
30°C	30 min.
40°C	35 min.
60°C	45 min.

WHITE COTTON

Slightly to normally soiled bed linen, table linen and underwear, towels, shirts etc. For heavily soiled loads, the Prewash option can also be selected.

COLOURED COTTON

Slightly to normally soiled bed linen, table linen and underwear, towels, shirts etc.

SYNTHETICS

Slightly to normally soiled blouses, T-shirts, overalls etc. made of polyester (Diolen, Trevira), polyamide (Perlon, Nylon) or cotton blends.

DELICATES

Delicate curtains, dresses, skirts, shirts, etc.

WOOL

Special programme for washing wool at 20 to 40 °C with maximum 1000 rpm spin cycle. Only machine washable woollens with Pure New Wool label.

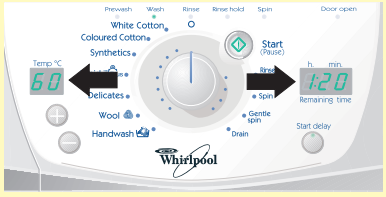
HANDWASH

Ultra-delicate low temperature (20/30°C) wash programme with gentle spin (maximum 400 rpm). It is suitable for textiles made of linen, silk, wool and viscose marked as “handwashable”.

interactive panel

THE CENTRAL SECTION IS INTERACTIVE

Select the programme suited to your load

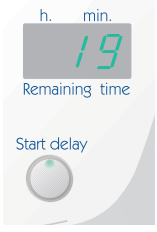


The wash temperature, the selected programme and the programme duration are displayed on the panel.

You can use the two buttons to raise or lower the recommended wash temperature. The display will indicate the programme duration, which depends on the temperature selected.

TEMPERATURE

Wash temperature indicator.



START DELAY

This lets you programme the machine to switch on later, for example during the night when there is an off-peak tariff for electricity.
Simply press the button once for every hour of delay until the time the programme is to start.
During this period the "start delay" indicator lamp will blink. Press the button again to reduce the delayed start time.

options options

Having selected the wash programme, you can then choose one or more of the following functions:

Easy Ironing
This option can be selected with the "Cotton" and "Synthetic" programmes for easier ironing. The amount of wash water is increased and clothes are spun more gently.

Energy Save
The wash time is extended and the water temperature is reduced.
This option gives energy savings (up to 30%) while still ensuring excellent wash results.

Prewash
Recommended for heavily soiled laundry only (for example sand, stubborn dirt). Programmes with prewash last approximately 15 minutes longer.

Intensive Rinse
The cycle is extended to ensure laundry will be rinsed more thoroughly.
This option is recommended especially in areas with very soft water, and for infants' and allergy sufferers' clothing.

Rinse Hold
The laundry remains in the last rinse water without being spun, to avoid creasing. Especially suitable for the "Synthetic" or "Delicate" programmes, if the laundry is not to be spun immediately.

Variable Spin
Every programme has an automatic predefined maximum spin speed. Press this option to set another spin speed.

stain removal

stain for stain

Bear in mind that every fabric reacts differently: if you have to remove stains from a new or delicate garment, test the stain remover first on a hidden part of the material.
If you cannot remove the stain immediately, dab with a cloth, then rinse the back of the fabric with cold or lukewarm water (for water-based stains) and dab thoroughly (for oily or greasy stains) to avoid it penetrating deep into the fabric. Treat with stain remover as soon as possible.

ACID, LEMON, VINEGAR
Neutralise with soap and water, 10% solution of ammonia and water, rinse and dry.

ADHESIVE TAPE
Try dabbing with hot water. If this does not work, use alcohol.

BEER
Lukewarm water

BIRO AND FELT-TIP PEN
Place kitchen paper or an absorbent cloth behind the stain. Dab the stain with a cotton wool ball soaked in alcohol. For synthetic fabrics use trichloro-ethylene .

BLOOD
Remove fresh blood stains with cold water; for dried-in stains, use cold water and ammonia.

CHEWING-GUM
Apply an ice cube to the gum to harden it, then remove as much as possible. Eliminate any left-over gum with petrol.

CHOCOLATE
Treat the stain with glycerine and then rinse.

COFFEE
On wool, cotton and silk, wet immediately with cold water and wash in lukewarm.

EGG
Leave to soak for approximately two hours in a biological detergent and then wash.

EMULSION PAINT
Wash immediately with cold water; if allowed to dry, the stains will be
permanent.

FRUIT
On cotton and linen, treat with cold water with a few drops of glycerine for an hour. On wool, dab with lemon juice and then rinse.

FRUIT JUICE
First of all, soak in cold water and detergent. If this does not work, soak for up to15 minutes in a solution of one teaspoonful borax per 1/2 litre lukewarm water.

GLUE
Dampen with cold water, scrape off with a sharp knife and treat with water (not PVA glue) and ammonia.
Make-up
Remove stain with ether.

GRASS
For fresh grass stains, treat with solution of hot water, alcohol and a little ammonia. For dried-in grass stains, dampen with water and glycerine first.

GREASE
Sprinkle immediately with talcum powder or soapwort, leave to absorb then brush and wash with water and ammonia, or dab the stain with trichloro-ethylene.

HONEY
Lukewarm water.

ICE CREAM
Remove with cold water; use trichloro-ethylene on wool.

INK
Soak in water and salt.

JAM
Lukewarm water.

LIPSTICK
Treat with solvent, leave to dry, then wash in hot water and detergent if the colour is still visible.

MUD
Allow to dry thoroughly then brush off.

PERFUME
Dab with cotton wool soaked in water and hydrogen peroxide.

RUST
Oxalic acid is now available in packets. Rinse immediately several times with water.

SAUCE
Leave to soak for approximately two hours in a biological detergent and then wash.

SHOE POLISH
Remove with petrol or turpentine.

SWEAT
Soak in water with a tablespoon each of sodium bicarbonate and ammonia.

TEA
Lukewarm water and lemon juice.

TOMATO
For fresh tomato, wash immediately with cold water and sprinkle with talcum powder; for tomato sauce, use water and ammonia.

WATER.
On velvet, dab with mineral water.
On rugs, treat with ammonia, then rub with hot water and a few more drops of ammonia.

WAX
Remove the worst with a knife. Place kitchen paper behind and on top of the stain and apply a hot iron.
If the colour of the wax is still visible, treat with methyl alcohol.

WINE
Rinse immediately (or dab with hydrogen peroxide), then treat with a lubricating solution. If allowed to dry, wine stains are practically impossible to remove.

drying
perfect drying

Once the washing machine has finished the wash programme, it is time to hang out the washing. Observe these simple rules for best results:

Since the sun tends to bleach colours, hang whites out in full sunshine (if you want a bleaching effect) and coloureds in the shade.

If you hang washing up to dry in the house, avoid placing delicate garments near heat sources.

If the clothes line or airer is rusty, place a cloth between the line and the garment.

To avoid staining, separate garments with colours for they are likely to run.

Open items out fully when hanging out, as they will be easier to iron later.

Do not place clothes pegs on visible parts as they can leave marks.

Hang trousers and pleated skirts from the waist, but dry woollen sweaters flat on a towel since they tend to lose their shape.

Once dry, fold the washing carefully and put it away, ready for ironing.

perfect drying drying

Whirlpool's new tumble dryers not only have stunning good looks that match with your washing machine, they always guarantee perfect drying results.

ironing

perfect ironing

I first of all, the iron:dry or steam? Although dry irons are generally better in terms of end results, steam irons are undoubtedly easier to use, since there is no need to moisten the fabric and this saves time. Ironing is considerably easier on a proper ironing board complete with sleeve-board. A sturdy, well-padded ironing board, positioned so as to leave plenty of space all around, is far preferable to the kitchen table. Lastly, you will need a water spray, two cloths of different thicknesses, spray starch and clothes hangers.

To iron correctly, first press garments with the iron (without leaning hard!) to give shape, then smooth with a "backwards and forwards" movement. As a rule, start from the seams, then do the tucks or pleats, then the sleeves and collar, leaving the flat areas until last.

FOR IRONING TOO, CARE LABELS GIVE CLEAR INSTRUCTIONS.

Always read the label, and in its absence, observe these rules:

Cotton and linen: iron while damp using a hot iron
Wool: use steam, or place a damp cloth between the garment and a dry iron;
Silk: iron damp and on the reverse side using a cool iron or else place a sheet of tissue paper between the fabric and the iron.
Synthetics: if they need ironing, dry-iron on the reverse side using a cool setting.
Velvet: always iron on the reverse side.

HOW TO IRON THE MOST COMMON GARMENTS

Shirts: start with the collar, then the sleeves, cuffs and yoke (fitting the shoulder around the end of the board). Take care not to catch the tip of the iron in button holes. Button the shirt and iron the front again, then fold and give a final press.
Follow the same procedure for blouses, but hang them on clothes hangers instead of folding.
Pleated skirts: flatten down the pleats and iron them on the reverse side, turning the skirt around over the end of the board.
Trousers: bring together any tucks or pleats; using a cloth, iron one leg at a time. Place the legs one on top of the other and iron the outside of each one, pressing firmly.
Jackets: start with the sleeves, then the back, the front and last of all the collar. Use a damp cloth.
Sheets and curtains: these are easier ironed if folded carefully beforehand, at least once, to reduce the width.

INSTRUCTIONS FOR USE

BEFORE USING THE WASHING MACHINE
FIRST WASH CYCLE
PRECAUTIONS AND GENERAL RECOMMENDATIONS
DESCRIPTION OF THE WASHING MACHINE
CHILD SAFETY
DETERGENTS AND ADDITIVES
WASHING PROGRAMME
REMOVING THE FILTER
DRAINING RESIDUAL WATER
CARE AND MAINTENANCE
TROUBLESHOOTING GUIDE
AFTER-SALES SERVICE
TRANSPORT AND HANDLING
INSTALLATION

BEFORE USING THE WASHING MACHINE

1.Removing the packaging and check

- After unpacking, make sure that the washing machine is undamaged. If in doubt, do not use the washing machine. Contact After-Sales Service or your local retailer.
- Keep the packaging materials (plastic bags, polystyrene parts, etc.) out of reach of children, as they are potentially dangerous.

2.Remove the transit bolts

- The appliance is fitted with transit bolts to prevent internal damage during transport. **Before using the washing machine you must remove the transit bolts** (see “Installation/Remove the transit bolts”).

3.Install the washing machine

- Remove the protective foil from the control panel.
- Move the machine without carrying it at the top.
- Install the appliance on a solid and level floor surface, preferably in a corner of the room.
- Adjust the feet to ensure that the machine is stable and level (see "Installation/Adjust the feet").

4.Water supply

- Connect the water supply inlet hose in accordance with regulations of your local water company (see “Installation/Connect the water inlet hose”).
- Water supply: cold water only
- Tap: 3/4” threaded hose connection
- Pressure: 100-1000 kPa (1-10 bar).

For Great Britain & Ireland only:

- Water inlet: hot and cold fill.
  The warm water inlet temperature must not exceed 60°C.

5.Drain hose

- Connect the drain hose to the siphon or hook it over the edge of a sink by means of the “U” bend (see “Installation/Connect the water drain hose”).
- If the washing machine is connected to a built-in drainage system, ensure the latter is equipped with a vent to avoid simultaneous loading and draining of water (siphoning effect).

6.Electrical connections

- Electrical connections must be carried out by a qualified technician in compliance with the manufacturer's instructions and current standard safety regulations.
- Voltage information, power consumption and electrical protection data are supplied on the inside of the appliance door.
- The appliance must be connected to the mains exclusively by means of a socket with an earth connection in accordance with established regulations. The appliance must be earthed by law. The manufacturer declines all liability for damage to property or injury to persons or animals deriving either directly or indirectly from failure to observe the directions.
- Do not use extension leads or multi sockets.
- Before any maintenance on the washing machine disconnect it from the mains supply.
- Access to the mains plug or to disconnection from mains supply via a double-pole switch must be ensured at all times following the installation.
- Do not operate the washing machine if it has been damaged during transport. Inform the After-Sales Service.
- Mains cable replacement is only to be carried out by After-Sales Service.
- The washing machine must only be used in the household for the prescribed uses.

Minimum housing dimensions:

Width:600 mm

Height:825 mm

Depth:600 mm

FIRST WASH CYCLE

We recommend the first wash cycle be made without laundry. This will remove any residual water used in testing your washing machine.

1. Turn on the tap.

2. Close the appliance door.

3. Pour a small amount of detergent (about 30 ml) into the detergent dispenser .

4. Select a short program (see programme chart).

5. Press the **"Start/Pause"** button.

PRECAUTIONS AND GENERAL RECOMMENDATIONS

1. Packing

- The packing box may be fully recycled as confirmed by the recycling symbol. Adhere to local regulations when disposing of packaging material.

2. Disposing of packaging and old appliances

- The washing machine is built from reusable materials. The washing machine must be disposed of in compliance with local waste disposal regulations.
- Before scrapping, cut off the power cable so that the washing machine cannot be connected to the mains.
- Remove detergent from compartment if you intend scrapping your appliance.

3. Child safety

- Children must not be allowed to play with the washing machine.

4. General recommendations

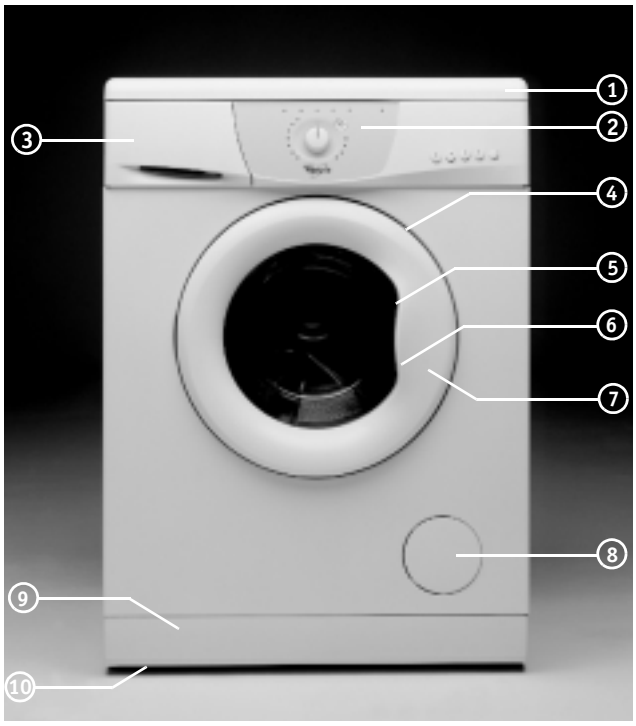
- When the appliance is not in use unplug it and turn off the tap.
- Before cleaning or carrying out maintenance, switch off the washing machine and disconnect it from the mains supply.
- To clean the outside of the washing machine, use a neutral detergent and a damp cloth.
- Do not use abrasive detergents.
- Do not attempt to force the door open.
- If necessary, the power cable may be replaced with an identical one obtained from our After-Sales Service. The power cable must only be replaced by a qualified technician.

5. EC Declaration of Conformity

- This washing machine has been designed, constructed and distributed in compliance with the safety requirements of EC Directives: 93/68/EC.

DESCRIPTION OF THE WASHING MACHINE

1. Worktop
2. Control panel
3. Detergent dispenser
4. After-Sales Service sticker (on the back side of the door)
5. Door
6. Door handle
   - To open the door press the button on the inside of the handle and pull
   - Close the door by pushing it firmly (the lock will click into place)
7. Child safety (inside door)
8. Filter (behind cover)
9. Plinth
10. Adjustable feet



CHILD SAFETY

To protect the appliance from improper use, turn the plastic screw on the interior of the door using a coin or the thick rounded plastic projection on the coloured insert from the detergent dispenser:

- Slot vertical: safety position, i.e. the door will not lock.
- Slot horizontal: normal position, i.e. the door can be locked again.

DETERGENTS AND ADDITIVES

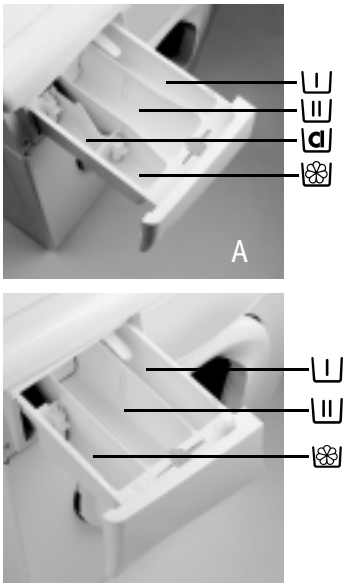
Filling the detergents and additives

1. Pull out the detergent to its full extent.

2. Filling the detergent:

- Programme with pre- and main wash.
- Main wash programme without prewash.
  When using liquid detergent, extract the coloured insert from the detergent dispenser and put it in the compartment.
  The insert has a scale to make dosing easier.
- Add fabric softeners and conditioners - no further than the “Max” mark (three chamber model “**B**”) or the“100 ml” mark (four chamber model “**A**”).
- Fill chlorine bleach only to the “Max” mark (four chambers model “**A**”)
- Stain remover
- Water softener (water hardness class 4)
- Starch (diluted in water). In this case select the programme “Rinse and Spin”. After pouring the starch fill about 1 litre of water into chamber.

3. Slide the detergent dispenser in until it clicks shut.



Notes:

- Keep detergents and additives in a dry place and out of reach of children.
- If you use descaling agents, dyes or bleaches, make sure they are suitable for washing machine use. Descaler could contain components that can attack parts of your washing machine.
- Do not use solvents (turpentine, benzine, etc.).
  Do not machine wash fabrics that have been treated with solvents or flammable liquids.
- You can use liquid detergent in the “Prewash” phase for programmes with this option. In this case put only powder detergents in the compartment for the main wash II.
- When using concentrated fabric softeners, add water in the detergent dispenser up to “MAX” level mark.
- To prevent dispensing problems when using highly concentrated powder and liquid detergents, use the special detergent ball or bag supplied with the detergent and place it inside the drum.

WASHING PROGRAMME

Selecting the programme:

1. Plug in the appliance.

2. Turn on the water supply tap.

3. Set the **Programme Selector** knob to the desired programme.

4. Depending on model the recommended temperature can be altered by pressing "**+**" or "**-**" button.

5. Select additional **options**, if desired, pressing the corresponding button.The indicator lights up. By a **further pressing** of the button this option can be turned off again.

6. Press the **"Start/Pause"** button.
The indicator light will come on and the programme duration is shown on the display (if available). The indicator lamps show the sequence reached in the programme. After starting the programme, the sequence indication runs from left to right through Wash, Rinse, Spin.
When the sequence of the programme is finished the corresponding lamp goes out.

Start delay (if available)

Select the programme and temperature, any additional options and the spin speed.

Pressing the "Start Delay" button the associated display comes on. Press the "Start Delay" button repeatedly until the desired number of hours is reached. If the maximum number of hours is reached for the delayed start, further pressing of the button starts the counter at zero again.

Press the "Start/Pause" button in order to start the programme, it will start after the selected time.

Correct the start delay

The start delay hours can be corrected even after the "Start/Pause" button has been pressed: press it repeatedly until the desired number of hours is reached. Once the display has counted down the selected programme is started and the related programme remaining time is displayed.

Cancel the start delay

Turn the programme selector and set it to the desired programme. The remaining time of the selected programme is displayed and the "Start/Pause" button flashes. The programme can now be started immediately by pressing this button.

N.B. With liquid detergent, a dosing aid placed directly in the drum should be used if a start delay has been selected.

Door lock

The door locks automatically after the programme start until the end of the programme.

The "Door Free" indicator is on, before the starting and at the end of the programme.

If the programme selector is moved to the "◯" position or if the electricity supply is interrupted, then after approximately one minute the door is released.

In this case do not open the door, because hot water could be released from the appliance.

Programme end

The programme end is indicated by:

- the "Door Free" indicator coming on and the remaining time indicator (if available) showing "0:00".
- the programme sequence indicators are all off.

1. Turn the water supply tap off.

2. Wait for the door to unlock (about one minute).

3. Open the door and unload the machine.

N.B. Do not fully close the door but leave it ajar to allow the drum to dry out.

Changing programme and options

1. Press the **"Start/Pause"** button. The **"Start/Pause"** button flashes.
2. Select the new programme, options and spin speed.
3. Press the **"Start/Pause"** button. The new programme resumes the wash programme at the same stage at which the preceding one was interrupted.

For this programme do not add any further detergent.

Programme interruption or pause

To interrupt the running programme for a certain period and continue it at a later time:

1. Press the **"Start/Pause"** button.
   The indicator flashes.
2. Following the desired pause press the **"Start/Pause"** button once again.

Cancelling the programme

If the current programme is to be terminated prematurely and cancelled, the water must be pumped out first before the door can be opened:

1. Set the programme selector to programme setting **"Drain"**.
   The indicator above the **"Start/Pause"** button flashes. The spin indicator shows "0" and the remaining time indicator (if available) shows "0:02" minutes.
2. Press the **"Start/Pause"** button in order to start the **"Drain"** programme.

REMOVING THE FILTER

1. Switch off the appliance and unplug it.
2. Remove the coloured insert from the detergent dispenser and use it to open the filter cover.
3. Place a bowl beneath the filter.
4. Turn the filter slowly anti-clockwise until the grip is vertical; do not extract filter as yet.
5. Wait until all the water has drained out.
6. Now unscrew the filter completely and extract it.
7. Remove any foreign material from the filter.
8. Make sure the pump impeller is not obstructed.
9. Insert the filter and screw it fully down in a clockwise direction (until the grip is horizontal).
10. Close the cover.
11. Pour 0.5 l of water into the detergent dispenser to reactivate the "Eco System".
12. Connect the appliance to the electrical socket.
13. Select a programme and start it.

Check the filter two or three times a year and clean it if necessary.

- Check the filter if the appliance is not draining properly or if it fails to perform spin cycles.
- Remove the filter if the pump is blocked by an object (buttons, coins, safety pins, etc.).
  IMPORTANT: Make sure the water has had time to cool before draining the appliance.

DRAINING RESIDUAL WATER

- Drain the residual water as described in the "Removing the filter" chapter (points 1 to 8).
- To drain the residual water from the pump, bend the machine frontward and operate as per points 9 and 10 of the previous chapter.

When should I drain residual water?

- Before transporting (moving) the machine.
- If the appliance is installed in a room subject to sub-zero temperatures. It is best in this case to drain the machine after every wash.

CARE AND MAINTENANCE

Appliance exterior and control panel

- Clean using normal household cleaner (do not use abrasive products and no solvents).
- Dry with a soft cloth.

Door seal

- Clean with a damp cloth when necessary.
- Periodically check the fold of the seal for foreign objects.

Filter

- Check and clean the filter two or three times a year (see “Removing the filter”).

Detergent dispenser

1. Disengage the detergent dispenser by pressing the release lever in the prewash compartment and lately remove the drawer.
2. Remove the inserts softener compartment, the insert for liquid detergents and the siphon from the chlorine bleach compartment, (if available, four chambers model **“A”**).
3. Wash all the parts under running water.
4. Replace the parts and refit the detergent dispenser. Push the siphon firmly into place.

Water hose mesh filter
Check and clean periodically.

For machines with a straight water supply hose "A"

1. Turn off the tap.
2. Unscrew the hose from the tap.
3. Clean the internal filter.
4. Screw the supply hose back onto the tap.
5. Unscrew the hose from the machine.
6. Remove the filter from the washing machine with pliers and clean it.
7. Replace the filter and screw the hose connection back on to the machine.
8. Turn on the tap and **ensure that the connections are completely water-tight.**

For machines with Water Stop hose "B"

1. Turn off the tap.
2. Unscrew the hose from the tap.
3. Clean the filter.
4. Screw the Water Stop hose back onto the tap.
5. Turn on the tap and **ensure that the connection is completely water-tight.**

TROUBLESHOOTING GUIDE

This washing machine is equipped with automatic safety functions which detect and diagnose faults at an early stage and react appropriately.

Often, however, the faults detected are small enough to be solved in a matter of minutes. For example:

The appliance will not start, no lamp lights up.

Check whether:

- the appliance is plugged in;
- the wall socket is functioning correctly (use a table lamp or similar);
- a programme is selected correctly.

The appliance will not start, but the "Start/Pause" lamp is flashing.

Check whether:

- the appliance door is properly closed (child safety);
- the programme has been changed;
- the water tap is open. If not, open the tap and press the **"Start/Pause"** button.

The appliance stops during the programme.

Check whether:

- the **"Rinse Hold"** lamp is on, terminate this option by pressing the button again;
- another programme has been selected. Reselect the desired programme and press the **"Start/Pause"** button;
- **"Start/Pause"** lamp is flashing. Press **"Start/Pause"** button;
- Safety system of the appliance was activated. See fault description table.

Detergent and additive product residues in dispenser at end of wash.

Check whether:

- the siphon is correctly installed and clean (see "Care and Maintenance");
- enough water is being supplied. The mesh filters between the inlet hose and the tap could be clogged (see "Care and Maintenance"). Check and clean the filter two or three times a year (see "Removing the filter").

The appliance vibrates during the spin cycle.

Check whether:

- the appliance is levelled and solidly installed on all four feet (see "Installation Instructions");
- the transit bolts have been removed. The transit bolts must be removed before the appliance can be used (see "Installation Instructions").

Final spin results are poor:

The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (bathmat, bathrobe, etc.) this system may reduce the spin speed automatically to protect the appliance or even interrupt the spin cycle altogether, if the imbalance is too great even after several spin starts.

- If the laundry is still too wet at the end of the cycle, add smaller articles of laundry to balance the load and repeat the spin cycle.
- Excessive foam formation may prevent spinning. Ensure correct amount of detergent is used

No water or insufficient water supply:

- the appliance has a safety hose and the safety valve has opened (red indicator in the safety valve inspector window).
  In this case replace it with a new safety hose.

What should I do when the automatic safety system detects a malfunction?

The programme is interrupted and various indicators (if available) point to the source of the fault.

Fault description table

Small lamp lights up	Digital display	Fault description
"Water tap"	"FH"	"Water inlet fault"
-	"FP"	"Draining fault"
-	from "F4" to "F15"	"Electrical components fault"
"Water Stop"	"FA"	"Water Stop fault"

a. Water inlet fault (no or insufficient water supply)
The "Water tap" indicator is on or the display alternately shows "FH". Switch off the appliance by turning the programme selector to the "◯" position and unplug it.
Check whether:
- the water tap is completely open, and the water supply pressure is sufficient;
- the water inlet hose is kinked;
- the mesh filters are clogged (see "Care and Maintenance" / "Water Hose Mesh Filters");
- the water inlet hose is frozen.

Connect the appliance to the electrical supply. Reselect the desired programme and press the **"Start/Pause"** button again to continue with the programme (do not add detergent for this programme)

b. Draining out fault
The display alternately shows "FP". Switch off the appliance by turning the programme selector to the "◯" position and unplug it.
Check whether:
- the drain hose is kinked (see "Installation Instructions");
- the pump / filter are blocked (see "Removing the Filter / Draining Residual Water").

IMPORTANT: before draining, allow the wash water to cool down.
- the drain hose is frozen.

Connect the appliance to the electrical supply. Reselect the desired programme and press the **"Start/Pause"** button again to continue with the programme (do not add detergent for this programme). If the fault re-occurs, contact After-Sales Service (see "After-Sales Service").

c. Electrical module fault
The display shows "F4" to "F15".
- Switch off the appliance. Select a programme and press the **"Start/Pause"** button once again. The programme will continue.
- If the fault re-occurs, contact After Sales Service (See "After-Sales Service").

d. Water Stop fault (if available)
An audible tone sounds. The light of the Water Stop indication is on. The display shows "FA" and the pump is running. Switch off the appliance by turning the programme selector to the "◯" position, unplug the appliance and make sure that the water tap is closed.

The "Water Stop" may have been triggered by:
1. too much foam.
2. a leak in the inlet hose or in the appliance.

Tilt the appliance forwards carefully to allow the collected water to flow out.
Then:
1. connect the appliance to the electrical supply,
2. open water supply to machine (if **"Start/Pause"** button is not pressed, but machine begins to fill, close water supply and call After-Sales Service),
3. reselect the desired programme and press the **"Start/Pause"** button (there is no need to add additional detergent). The programme will continue. If the faults occurs again, call After-Sales Service with details about the fault (see "After-Sales Service").

AFTER-SALES SERVICE

Before contacting After-Sales Service:
1. Try to remedy the problem yourself (see "Troubleshooting guide").
2. Restart the programme to check whether the problem has solved itself.
3. If the machine continues to function incorrectly, call After-Sales Service.

Specify:
- The nature of the problem.
- The exact model of the appliance.
- The service code (number after the word SERVICE).

SERVICE 0000 000 00000

The After-Sales Service sticker is on the inside of the door.

- Your full address.
- Your telephone number and area code. After-Sales Service phone numbers and addresses are given on the guarantee card. Alternatively, consult the dealer where you purchased the appliance.

TRANSPORT AND HANDLING

Never move the appliance by carrying by the worktop.

1. Unplug the appliance.
2. Turn off the tap.
3. Remove the water supply and drain hose.
4. Eliminate all water from the hoses and from the appliance (see “Removing the Filter”, “Draining Residual Water”).
5. Fit the transit bolts (obligatory) (see “Installation Instructions”).

INSTALLATION

Remove the transit bolts

1. Slacken the four bolts with the spanner supplied.
2. Unscrew the bolts by hand.
3. Holding the bolt head, pull each bolt through the wide part of the holes.
4. Close the holes with the plastic covers supplied; insert the covers in the wide part of the hole and slide them toward the narrow part until they click into place.
5. Keep the transit bolts for future use.

- Whenever the appliance is transported, the transit bolts must be refitted:

1. Pry off the plastic covers with a screwdriver, slide them in the opposite direction of the arrow and remove.
2. Insert the transit bolts, performing the steps for removal in reverse order.

Adjust the feet

If the floor is uneven, adjust the levelling feet as required (do not insert pieces of wood etc. under the feet):

1. Slacken the locknut using the spanner supplied.
2. Adjust the height of the foot, turning it by hand.
3. Tighten the locknut by turning it anti-clockwise towards the appliance casing.

If the appliance is to be installed on a wooden floor, distribute the weight by placing it on a 60 x 60 cm sheet of plywood at least 3 cm in thickness.
Secure the plywood sheet to the floor.

Worktop for built-under models

The appliance **must** only be installed beneath a continuous fitted kitchen worktop.

If the appliance will be built under **it is mandatory** to use the cover panel UBS. This can be obtained from specialist shops or from After-Sales Service.

1. Unplug the appliance.
2. Unscrew the worktop fixing screws from the rear of the appliance.
3. Slide the worktop fully backward and lift it upwards to remove. Install the cover panel following the relative instructions.
4. Refit the fixing screws and tighten them.
5. Plug the appliance only into the mains power socket.

Connect the water inlet hose

for models with straight hose “A”

1. Insert the dirt strainer (already premounted on the hose end or included in the accessories) into the threaded tap coupling.
2. Carefully screw the hose connection onto the tap preferably by hand.
3. Make sure there are no kinks in the hose.
4. Check water-tightness of tap and appliance connections by turning the tap completely on.

If the hose is too short, replace it with a suitable length of pressure resistant hose (1000 kPa min, EN 50084 approved type).

Periodically check the hose for brittleness and cracks and replace if necessary.

The appliance can be connected without an anti-backpressure valve.

for models with Water Stop hose “B”

If the flexible hose is damaged, unplug the appliance from the mains immediately.

1. Screw the threaded connector with the filter inserted onto the tap.
2. Check water-tightness of tap and appliance connections by turning the tap completely on.

If the hose is too short, replace it with a 3 m Water Stop hose (available from After-Sales Service or from your dealer). This operation must be carried out exclusively by a licensed electrician.

The appliance **must not** be connected to the mixing tap of a non-pressurized water heater.

The inlet hose and the plastic enclosure at the tap connection contain electrical components. **Do not cut the hose and do not immerse the plastic enclosure in water.**

Connect the water drain hose

1. Connect the drain hose to the siphon or hook it over the edge of a sink by means of the “U” bend.
2. Make sure there are no kinks in the hose.
3. Secure the hose so that it cannot fall down while the appliance is running.

The drain hose should not be hooked onto small washbasins.

If you need to add an extension, use a flexible hose of the same type and secure the union with screw-on hose clips.

Max. drain hose length: 2.50 m

Max. drain height: 1.25 m

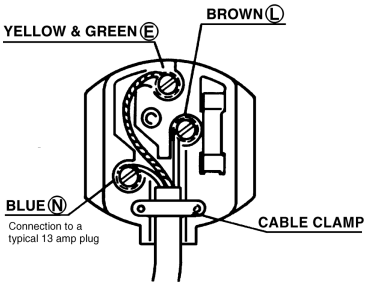
ELECTRICAL CONNECTION

Do not use extension leads or multi sockets.
Electrical connections must be made in accordance with local regulations.

1) Warning - this appliance must be earthed
This appliance is normally supplied with a mains lead having a plug fitted in the factory which has been checked for correct earth continuity.
If the fitted plug is not suitable for your socket outlet, or if the machine's mains lead is not fitted with a plug, you should fit a suitable new, good quality plug by following the instructions in (2) below.
Any unsuitable plug should be cut off and disposed of in order to avoid a possible shock hazard should it be inserted into a socket.

2) CONNECTION TO A REWIRABLE PLUG - to be carried out only by a qualified electrician
The wires in the mains lead are coloured in accordance with the following code:

BLUE - "NEUTRAL" ("N")
BROWN - "LIVE" ("L")
GREEN AND YELLOW - "EARTH" ("E")



To fit a new plug, proceed as follows:

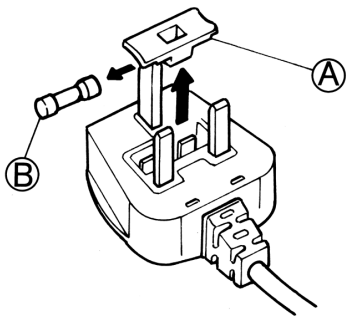
2.1 Polarized Plugs (e.g. 3 pin, 13 amp plug conforming to BS 1363A)

a. The GREEN AND YELLOW wire must be connected to the terminal in the plug which is marked with the letter "E" or by the Earth symbol ⏚ or coloured green and yellow.

b. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured blue.

c. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured brown.

2.2) Non-polarized plugs (e.g. 2 pin with side earth contact)
The wire which is coloured GREEN AND YELLOW must be connected to the earth contact. The other two wires should be connected to the two pins, irrespective of colour.



FUSE REPLACEMENT
If the mains lead of this appliance is fitted with a BS 1363A 13 amp fused plug, replace the fuse only with an A.S.T.A. approved type conforming to BS 1362 and proceed as follows:
Remove the fuse cover (A) and the fuse (B).
Fit the replacement 13 A fuse into the fuse cover.
Refit both into the plug.
For all other types of plug, the supply socket should be protected by a 16 A fuse or circuit breaker at the distribution board.

Ecological Paper

Printed in Italy

5019 108 00255 **GB** **1/ 0500**